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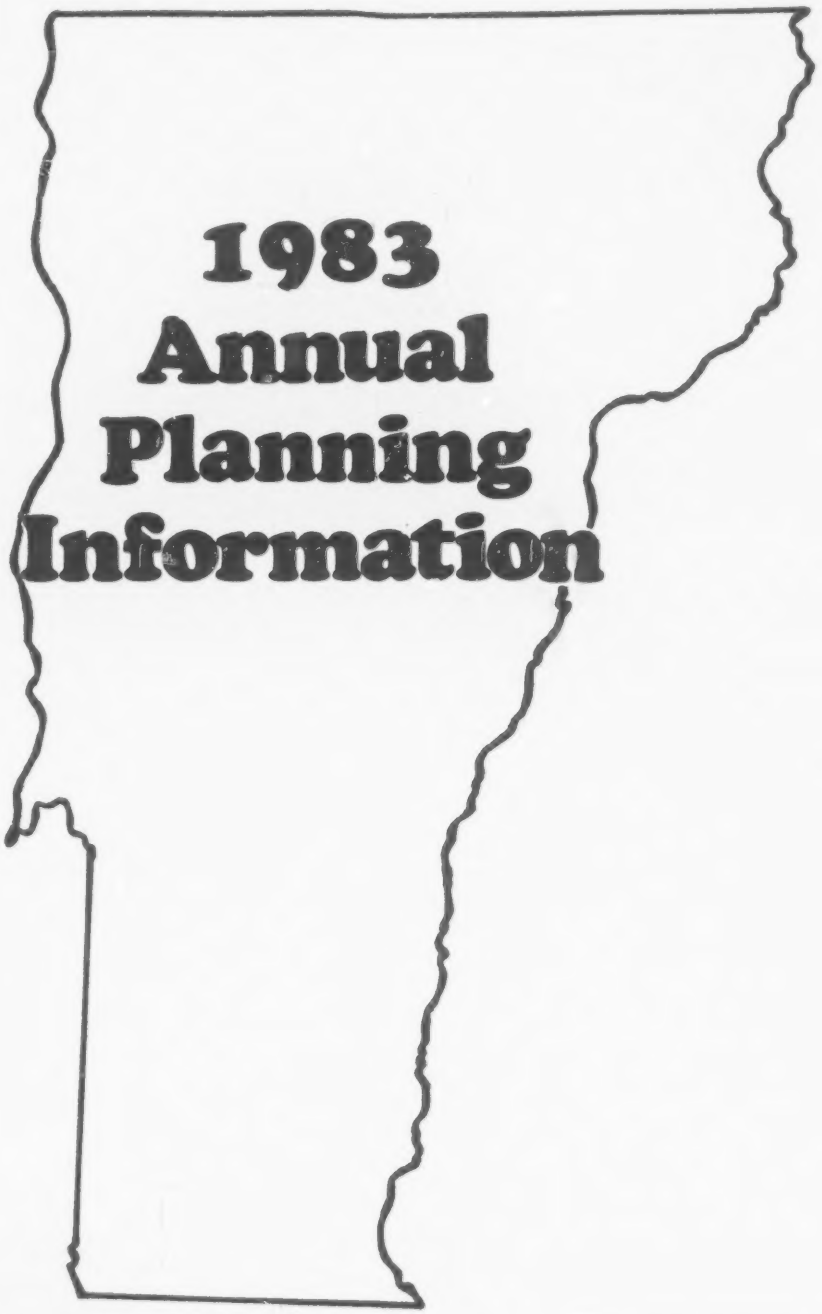

1983 Annual Planning Information

Vermont Department of Employment and Training
Research and Statistics Section

VERMONT

ANNUAL PLANNING INFORMATION

1983

SEPTEMBER 1983

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FOREWORD

The Annual Planning Information report is a statistical and analytical presentation of labor market data for the State of Vermont. This report is intended for use by planners and administrators in developing employment programs and job training plans for the current year. Vocational educators, State and local offices, business, labor and other community leaders who need accurate and timely labor market information at the State and local level for planning and program decision-making should also find this report of value. Additional sources of information as well as more detailed data for some tables are available upon request.

Between 1970 and 1980, Vermont's population grew from 444,732 to 511,456 and between 1980 and 1981, the population increased 5,544, reaching an estimated 517,000. During the comparable periods, Chittenden County recorded the largest population expansion in absolute numbers of people. Morrisville and White River Jct. Labor Market Areas and the towns of Colchester and Essex experienced the largest percentage gains in population between 1970 and 1980.

During 1982, Vermont's per capita income reached 9,446, annual wages drawn from unemployment compensation tax reports filed by Vermont's private sector employers averaged $13,585 and average hourly earnings for manufacturing production workers were $7.35. The consumer price index level for the United States averaged 289.1 during the same year.

Nonagricultural wage and salary employment averaged 202,300 jobs during 1982, a 1.0 percent decrease from the 1981 average figure. Employment in the manufacturing sector decreased 4.2 percent while nonmanufacturing employment increased 0.1 percent from the prior year.

Vermont's total employment is expected to increase by 47,021 or 22.5 percent between 1980 and 1990 reaching 256,468.

According to Current Population Survey adjusted estimates, Vermont's annual average labor force increased from 188,750 in 1970 to 265,000 in 1982, a gain of 76,250 or 40.4 percent. According to the Handbook estimates, growth in the State's labor force averaged 186,450 residents reaching 246,550 during the comparable period. During 1982, conditions in Vermont's economy deteriorated, resulting in an unemployment rate of 6.9 percent (Current Population Survey adjusted estimates) and 6.5 percent (Handbook estimates), the highest unemployment rates since 1977.

Regular benefit recipients averaged 6,969 for a survey week in 1982.

During the fiscal year 1982, 71,092 persons were fully registered with Vermont Job Service, a decrease of 3,827 from the prior fiscal year.

The number of job openings received by Vermont Job Service during fiscal year 1982 totaled 18,427, a 24.4 percent decrease from the previous fiscal year.

Overview

Vermont is a rural state covering 9,278 square miles. It is composed of fourteen counties and divided into twelve labor market areas, as illustrated on Maps 1 and 2. According to the Bureau of the Census, the final population count of the State as of April 1, 1980 was 511,456. Burlington with a population of 37,712 is the State's largest city and is situated in Chittenden County bordering Lake Champlain. Other major cities and towns are listed in Table 1. As can be seen, only eight cities and towns had a population of 10,000 or more in 1980. There are several employment centers scattered throughout the state with at least one major employment center in each county except Grand Isle, as shown in Table 2. Tables 3 and 4 display the top ten nonagricultural wage and salary industries in Vermont during 1982 and the twenty largest private employers in Vermont as of March 1983.

Vermont Population

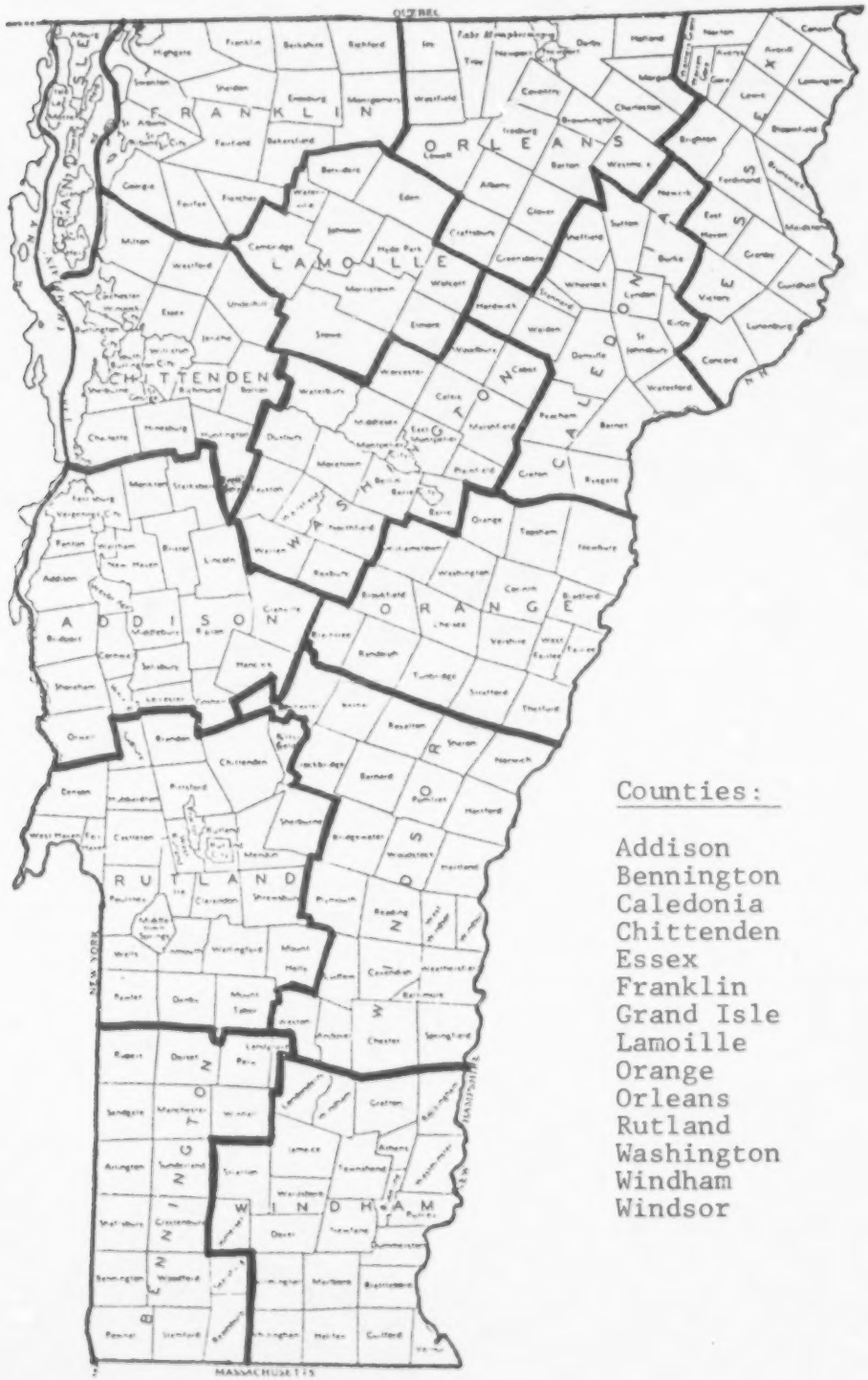
Between 1970 and 1980, the population of Vermont grew from 444,732 to 511,456, a 15 percent gain. Between 1980 and 1981, the population increased 5,544, reaching an estimated 517,000. In 1981, females outnumbered males by about 5.3 percent, about the same proportion as in 1980, but a slightly higher proportion than in 1970. Between 1980 and 1981, the largest share of the population increase occurred in the 30-34 age group, while the smallest expansion occurred in the 10-14 age category. Declines occurred in the following age groups: 5-9, 15-19. In 1981, the largest proportion was found in the 15-19 age group (9.8 percent), followed closely by the 20-24 age bracket (9.5 percent). The smallest share took place in the 70-74 age category. Vermont's nonwhite population is very small, accounting for less than one percent of the total.

Area Population

Table 6 presents the 1970, 1980 and estimated 1981 population for Vermont's counties. Chittenden County, with a gain of 16,403 between 1970 and 1980 recorded the largest population expansion in absolute numbers of people. Windsor and Rutland Counties, with gains of 6,948 and 5,710 residents respectively over 1970, ranked second and third. Addison County, also registered a noteworthy population expansion, growing from 24,266 in 1970 to 29,406 in 1980. As shown, Grand Isle had the smallest number of residents (4,613) in 1980. Between 1980 and 1981, the greatest increase in population once again occurred in Chittenden County (+ 1,356). Orange County ranked second, with an increase of 596 during the same period. The smallest increase in population was registered in Windham County (+ 92).

The population of Vermont's Labor Market Areas is shown in Table 7. The greatest percent increase in population between 1970 and 1980 occurred in the Morrisville and White River Junction Areas. The Middlebury Labor Market Area ranked third with an increase of 21.3 percent during the same period. Referring to Table 1 on page 6, the towns of Colchester and Essex in Chittenden County showed the largest percentage gains in population between 1970 and 1980, 43.9 percent and 31.4 percent respectively. Seven major cities and towns recorded declines in population from 1970: Burlington, Rutland City, Brattleboro, Barre City, Montpelier, St. Johnsbury and St. Albans City.

MAP 1
VERMONT COUNTIES



Counties:

Addison
Bennington
Caledonia
Chittenden
Essex
Franklin
Grand Isle
Lamoille
Orange
Orleans
Rutland
Washington
Windham
Windsor

MAP 2
VERMONT'S 12 LABOR MARKET AREAS

Labor Market Areas:

Barre-Montpelier
Bennington
Brattleboro
Burlington
Middlebury
Morrisville
Newport
Rutland
St. Albans
St. Johnsbury
Springfield
White River Jct.

TABLE 1
MAJOR VERMONT CITIES & TOWNS

CITIES & TOWNS, COUNTY	POPULATION 1970	POPULATION 1980	% CHANGE
Burlington, Chittenden	38,633	37,712	- 2.4
Rutland City, Rutland	19,293	18,436	- 4.4
Bennington, Bennington	14,586	15,815	+ 8.4
Essex, Chittenden	10,951	14,392	+31.4
Colchester, Chittenden	8,776	12,629	+43.9
Brattleboro, Windham	12,239	11,886	- 2.9
South Burlington, Chittenden	10,032	10,679	+ 6.4
Springfield, Windsor	10,063	10,190	+ 1.3
Barre City, Washington	10,209	9,824	- 3.8
Montpelier, Washington	8,609	8,241	- 4.3
Hartford (Inc. White River Jct.), Windsor	6,477	7,963	+22.9
St. Johnsbury, Caledonia	8,409	7,938	- 5.6
Middlebury, Addison	6,532	7,574	+16.0
St. Albans City, Franklin	8,082	7,308	- 9.6
Barre Town, Washington	6,509	7,090	+ 8.9

Source: U. S. Department of Commerce, Bureau of the Census.

TABLE 2
MAJOR EMPLOYMENT CENTERS BY COUNTY IN VERMONT

COUNTY	EMPLOYMENT CENTERS
Addison	Middlebury, Vergennes
Bennington	Bennington
Caledonia	St. Johnsbury
Chittenden	Burlington
Essex	Island Pond
Franklin	St. Albans
Grand Isle	(None)
Lamoille	Morrisville
Orange	Randolph, Bradford
Orleans	Newport
Rutland	Rutland
Washington	Barre, Montpelier
Windham	Brattleboro, Bellows Falls
Windsor	Springfield, White River Jct.

Source: Vermont Department of Employment and Training.

TABLE 3
TOP TEN INDUSTRIES IN VERMONT
ESTIMATED NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
1982

INDUSTRY	ANNUAL AVERAGE EMPLOYMENT 1/
1. Local Government	17,900
2. Health Services	15,300
3. State Government	13,400
4. Electrical Machinery Manufacturing	12,600
5. Eating and Drinking Places	11,100
6. Contract Construction	9,750
7. Hotels, Motels, Other Lodging Places	7,100
8. Educational Services	6,900
9. Nonelectrical Machinery Manufacturing	6,500
10. Retail Food Stores	6,100

1/ Based on 1982 Current Employment Statistics.
Source: Vermont Department of Employment and Training in cooperation with the Bureau of Labor Statistics, U. S. Department of Labor.

TABLE 4
TWENTY LARGEST PRIVATE EMPLOYERS IN VERMONT
(IN DESCENDING ORDER)
AS OF MARCH 1983

NAME AND LOCATION(S)
1. International Business Machines Corp., Essex Junction
2. General Electric Co., Burlington, Rutland
3. Medical Center Hospital of Vermont, Burlington
4. New England Telephone & Telegraph Co., Various Locations
5. Ethan Allen, Inc., Beecher Falls, Orleans, Randolph, Brighton
6. Grand Union Stores, Inc., Various Locations
7. Simmonds Precision Products, Inc., Vergennes, Bellows Falls, Middlebury
8. Union Carbide Corp., Bennington, St. Albans
9. P & C Food Markets, Inc., Various Locations
10. National Life Insurance Co., Montpelier
11. Rutland Hospital, Inc., Rutland
12. Central Vermont Medical Center, Inc., Berlin
13. Middlebury College, Middlebury
14. Sherburne Corporation, Killington
15. Digital Equipment Corp., So. Burlington
16. Norwich University, Northfield (Includes Vermont College, Montpelier)
17 Chittenden Trust Company, Various Locations
18. Saga Food Service of Vt., Inc., Various Locations
19. Putnam Memorial Hospital, Bennington
20. Central Vt. Public Service Corp., Various Locations.

Source: Vermont Department of Employment and Training

TABLE 5

VERMONT POPULATION BY AGE GROUP AND SEX

1970, 1980, ESTIMATED 1981

AGE GROUP	1970 1/			1980 1/			ESTIMATED 1981 2/			% CHANGE 1970-EST. 1981	% CHANGE 1980-EST. 1981	% DISTRIBUTION ESTIMATED 1981
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	TOTAL	TOTAL
0 - 4	39,693	20,312	19,381	35,998	18,480	17,518	37,105	18,982	18,123	- 6.5	3.1	7.2
5 - 9	45,945	23,543	22,402	37,855	19,507	18,348	36,064	18,582	17,482	-21.5	- 4.7	7.0
10 - 14	45,691	23,736	21,955	42,650	21,930	20,720	42,671	21,929	20,742	- 6.6	0.1	8.3
15 - 19	44,431	21,950	22,481	51,287	25,552	25,735	50,885	25,454	25,431	14.5	- 0.8	9.8
20 - 24	36,037	17,416	18,621	48,637	23,975	24,662	49,156	24,379	24,777	36.4	1.1	9.5
25 - 29	28,950	14,465	14,485	44,845	21,997	22,848	44,981	22,011	22,970	55.4	0.3	8.7
30 - 34	23,770	11,990	11,780	42,325	21,186	21,139	44,591	22,204	22,387	87.6	5.4	8.6
35 - 39	22,735	11,326	11,409	32,371	16,283	16,088	33,212	16,728	16,484	46.1	2.6	6.4
40 - 44	23,993	11,743	12,250	25,023	12,511	12,512	25,734	12,852	12,882	7.3	2.8	5.0
45 - 49	23,793	11,521	12,272	23,618	11,769	11,849	23,773	11,856	11,917	- 0.1	0.7	4.6
50 - 54	22,544	10,944	11,600	24,156	11,788	12,368	24,467	11,967	12,500	8.5	1.3	4.7
55 - 59	20,620	9,916	10,704	23,502	11,143	12,359	23,814	11,302	12,512	15.5	1.3	4.6
60 - 64	18,994	9,076	9,918	21,023	9,803	11,220	21,386	9,974	11,412	12.6	1.7	4.1
65 - 69	15,674	7,048	8,626	18,580	8,499	10,081	18,901	8,648	10,253	20.6	1.7	3.7
70 - 74	12,727	5,361	7,366	15,193	6,342	8,851	15,445	6,454	9,001	21.4	1.7	3.0
75+	19,135	7,015	12,120	24,393	8,315	16,078	24,805	8,458	16,347	29.6	1.7	4.8
TOTAL	444,732	217,362	227,370	511,456	249,080	262,376	517,000	251,780	265,220	16.3	1.1	100.0

Source: 1/ U. S. Department of Commerce, Bureau of the Census.
2/ Vermont Department of Health.

TABLE 6

POPULATION OF VERMONT COUNTIES

1970 - 1980, ESTIMATED 1981

AREA	1970 1/	1980 1/	ESTIMATED 1981 2/	% CHANGE 1970-1981	% CHANGE 1980-1981
VERMONT	444,732	511,456	517,000	16.3	1.1
Addison County	24,266	29,406	29,855	23.0	1.5
Bennington County	29,282	33,345	33,670	15.0	1.0
Caledonia County	22,789	25,808	26,125	14.6	1.2
Chittenden County	99,131	115,534	116,890	17.9	1.2
Essex County	5,416	6,313	6,485	19.7	2.7
Franklin County	31,282	34,788	35,070	12.1	0.8
Grand Isle County	3,574	4,613	4,710	31.8	2.1
Lamoille County	13,309	16,767	17,200	29.2	2.6
Orange County	17,676	22,739	23,335	32.0	2.6
Orleans County	20,153	23,440	23,805	18.1	1.6
Rutland County	52,637	58,347	58,690	11.5	0.6
Washington County	47,659	52,393	52,700	10.6	0.6
Windham County	33,476	36,933	37,025	10.6	0.3
Windsor County	44,082	51,030	51,440	16.7	0.8

Source: 1/ U.S. Department of Commerce, Bureau of the Census.
2/ Vermont Department of Health.

TABLE 7

POPULATION OF VERMONT LABOR MARKET AREAS

1970 AND 1980

AREA	1970	1980	% Change
VERMONT	444,732	511,456	+15.0
Barre-Montpelier	64,082	72,955	+13.8
Bennington	29,282	33,345	+13.9
Brattleboro	24,265	26,315	+ 8.4
Burlington	100,808	117,960	+17.0
Middlebury	23,728	28,784	+21.3
Morrisville	13,309	16,767	+26.0
Newport	23,058	26,782	+16.2
Rutland	52,637	58,347	+10.8
St. Albans	33,178	36,975	+11.4
St. Johnsbury	23,805	27,112	+13.9
Springfield	33,621	36,554	+ 8.7
White River Jct.	22,959	29,560	+28.8

Source: U.S. Department of Commerce, Bureau of the Census.

TABLE 8

PER CAPITA INCOME, ANNUAL AVERAGE WAGES IN COVERED EMPLOYMENT

AVERAGE HOURLY EARNINGS AND THE CONSUMER PRICE INDEX

1970 - 1982

	VERMONT				U.S.			
Year	Per Capita Income	% Change	Annual Averages Wages	% Change	Average Hourly Earnings	% Change	Consumer Price Index	% Change
1970	$3,530	-	$6,685	-	$2,93	-	116.3	-
1971	3,722	5.4	6,979	4.4	3.12	6.5	121.3	4.3
1972	3,947	6.0	6,949	-.4	3.28	5.1	125.3	3.3
1973	4,291	8.7	7,301	5.1	3.50	6.7	133.1	6.2
1974	4,593	7.0	7,747	6.1	3.78	8.0	147.7	11.0
1975	4,901	6.7	8,167	5.4	4.07	7.7	161.2	9.1
1976	5,362	9.4	8,727	6.9	4.40	8.1	170.5	5.8
1977	5,752	7.3	9,199	5.4	4.70	6.8	181.5	6.5
1978	6,468	12.5	9,936	8.0	5.10	8.5	195.4	7.7
1979	7,118	10.1	10,829	9.0	5.53	8.4	217.4	11.3
1980	7,789	9.4	11,840	9.3	6.14	11.0	246.8	13.5
1981	8,726	12.0	12,792	8.0	6.79	10.6	272.4	10.4
1982	9,446	8.3	13,585	6.4	7.35	8.3	289.1	6.1

Income, Wages, Earnings and the Consumer Price Index

The information for the table above came from a variety of sources. Per capita income figures are produced by the United States Department of Commerce, Bureau of Economic Analysis (April, 1983). Per capita income is calculated by dividing total personal income by population. Fluctuations in population and/or personal income can affect per capita income. Nonetheless, per capita income is regarded as an indicator of economic well-being.

The annual average wages are drawn from unemployment compensation tax reports filed by Vermont's private sector employers. Total wages are divided by annual average employment. The total wages include overtime wages, commissions and bonuses. Employment includes full-time and part-time employees.

Income, Wages, Earnings and Consumer Price Index (cont'd)

The average hourly earnings figures are for production workers in manufacturing. Wages are gross wage figures, before deductions, and do not include bonuses (unless paid regularly), or retroactive pay. Hours include, in addition to straight time, those for overtime, vacations, holidays, and sick leave. The annual average wage, as well as the average hourly earnings figures, are compiled by the Vermont Department of Employment and Training.

The United States Consumer Price Index is produced by the United States Department of Labor, Bureau of Labor Statistics. It is the index for all urban consumers (CPI-U). The index figures presented are annual averages of the United States city average, where 1967 is the index base year (1967=100).

State and County Wages and Income

The table below provides Vermont state and county data. Annual average wage figures are compiled by the Vermont Department of Employment and Training. Per capita income figures are compiled by the United States Department of Commerce, Bureau of Economic Analysis. Annual average wage figures are based on employment. Per capita income figures are based on population. Whereas wage figures are derived from earned income, per capita income figures include earned income as well as income from all other sources (interest income, rent income, transfer payments, etc.).

TABLE 9
ANNUAL AVERAGE WAGES AND
PER CAPITA INCOME BY COUNTY FOR VERMONT
1981

County	Annual Average Wages in Covered Employment 1981	Per Capita Income 1981
Vermont	$12,792	$8,726
Addison	11,696	7,839
Bennington	11,169	9,060
Caledonia	12,363	7,545
Chittenden	14,935	9,704
Essex	12,844	6,888
Franklin	11,489	7,937
Grand Isle	7,165	7,957
Lamoille	9,881	8,307
Orange	10,033	7,416
Orleans	10,614	6,823
Rutland	12,487	8,913
Washington	11,825	9,005
Windham	11,868	8,534
Windsor	13,414	9,386

Statewide Employment Trends

Nonagricultural wage and salary employment averaged 202,300 jobs during 1982, a decrease of 1.0 percent from the 1981 average figure. Employment in the manufacturing sector decreased 4.2 percent from the prior year. The nonmanufacturing sector increased 0.1 percent.

The manufacturing sector, comprised of durable goods industries and nondurable goods industries, had an average of 49,150 jobs in 1982. Durable goods employment decreased 1,750 jobs (4.8 percent) from the 1981 average. Most durable goods industries registered declines, with the machinery, excluding electrical industry showing the largest decrease (750 jobs). The electrical machinery industry proved the exception, increasing 250 jobs.

Nondurable goods industries had an annual average employment of 14,400 jobs in 1982. Employment levels in most nondurable goods industries were near or below the previous year's levels. While the food industry increased 100 jobs over the previous year's average, nondurable goods industries as a group, declined 400 jobs.

Nonmanufacturing employment increased somewhat, averaging 153,150 jobs, an estimated 100 jobs more than in 1981. Service and miscellaneous increased 1,350 jobs, with health services responsible for 550 jobs of the increase. Contract construction decreased 1,300 jobs, when compared to the previous year.

The trade sector increased 400 jobs, three-quarters of the gain attributable to retail trade. Government employment decreased 500 jobs, due to state and local government employment decreases. State government employment, excluding the University of Vermont and the State colleges, was below its 1979 average level (7,900 jobs) in 1982 (7,800 jobs). Mining and quarrying, as well as transportation and public utilities employment, remained about the same as 1981 average levels.

Between 1970 and 1982, nonagricultural wage and salary employment expanded by 54,450 jobs, a 36.8 percent increase. Manufacturing job growth accounted for about 16 percent of the total increase, the remaining 84 percent resulting from growth in nonmanufacturing jobs.

Most sectors under the manufacturing category registered some growth or showed no change during this period. Two exceptions were stone, clay and glass, which decreased 19.0 percent, and food, which fell 2.0 percent.

Nonmanufacturing employment increased 45,800 jobs over the twelve years since 1970. Service and miscellaneous employment grew by 18,600 jobs, trade increased 14,750, government employment gained 9,500 jobs, 5,550 of the increase at the local level. Mining and quarrying and construction employment countered the trend set by other nonmanufacturing industries, declining 350 jobs each.

Table 10, which follows, compares nonagricultural wage and salary employment data for 1970, 1981 and 1982. Figure 1 on page 15 illustrates the employment trend for nonagricultural wage and salary employment in Vermont for the period 1970-1982.

TABLE 10
AVERAGE ESTIMATED NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT 1/ IN VERMONT: 1970, 1981, 1982
NUMERICAL CHANGE AND PERCENT CHANGE

INDUSTRIAL CATEGORY	EMPLOYMENT			1970 - 1982		1981 - 1982	
	1970	1981	1982	Numerical Change	Percent Change	Numerical Change	Percent Change
Total	147,850	204,350	202,300	54,450	36.8	-2,050	- 1.0
Manufacturing	40,500	51,300	49,150	8,650	21.4	-2,150	- 4.2
Durable Goods	27,150	36,500	34,750	7,600	28.0	-1,750	- 4.8
Lumber & Wood Products	2,900	3,650	3,400	500	17.2	- 250	- 6.8
Furniture & Fixtures	2,050	2,350	2,050	0	0.0	- 300	-12.8
Stone, Clay & Glass	2,600	2,300	2,100	- 500	-19.0	- 200	- 8.7
Fabricated Metal Products 2/	N.A.	3,900	3,550	-	-	- 350	- 9.0
Machinery, Exc. Elec.	6,050	7,300	6,550	500	8.3	- 750	-10.3
Electrical Machinery 2/	9,650	12,350	12,600	-	-	250	2.0
Other 2/ & 3/	3,900	4,650	4,500	-	-	- 150	- 3.2
Nondurable Goods	13,350	14,800	14,400	1,050	7.9	- 400	- 2.7
Food	2,500	2,350	2,450	- 50	- 2.0	100	4.3
Apparel	1,550	1,600	1,550	0	0.0	- 50	- 3.1
Paper	2,300	2,500	2,350	50	2.2	- 150	- 6.0
Printing & Publishing	3,450	4,050	4,000	550	15.9	- 50	- 1.2
Rubber, Misc. Plastic Prods.	1,400	1,500	1,450	50	3.6	- 50	- 3.3
Other 4/	2,150	2,800	2,600	450	20.9	- 200	- 7.1
Nonmanufacturing	107,350	153,050	153,150	45,800	42.7	100	0.1
Mining & Quarrying	1,000	650	650	- 350	-35.0	0	0.0
Contract Construction	10,100	11,050	9,750	- 350	- 3.5	-1,300	-11.8
Transp. & Public Utilities	7,950	8,650	8,700	750	9.4	50	.6
Trade: Wholesale & Retail	28,200	42,550	42,950	14,750	52.3	400	.9
Fins., Ins. & Real Estate	5,500	8,300	8,400	2,900	52.7	100	1.2
Service & Miscellaneous	28,400	45,650	47,000	18,600	65.5	1,350	3.0
Government	26,200	36,200	35,700	9,500	36.3	- 500	- 1.4
Federal	4,000	4,350	4,400	400	10.0	50	1.1
State	9,850	13,700	13,400	3,550	36.0	- 300	- 2.2
Local	12,350	18,150	17,900	5,550	44.9	- 250	- 1.4

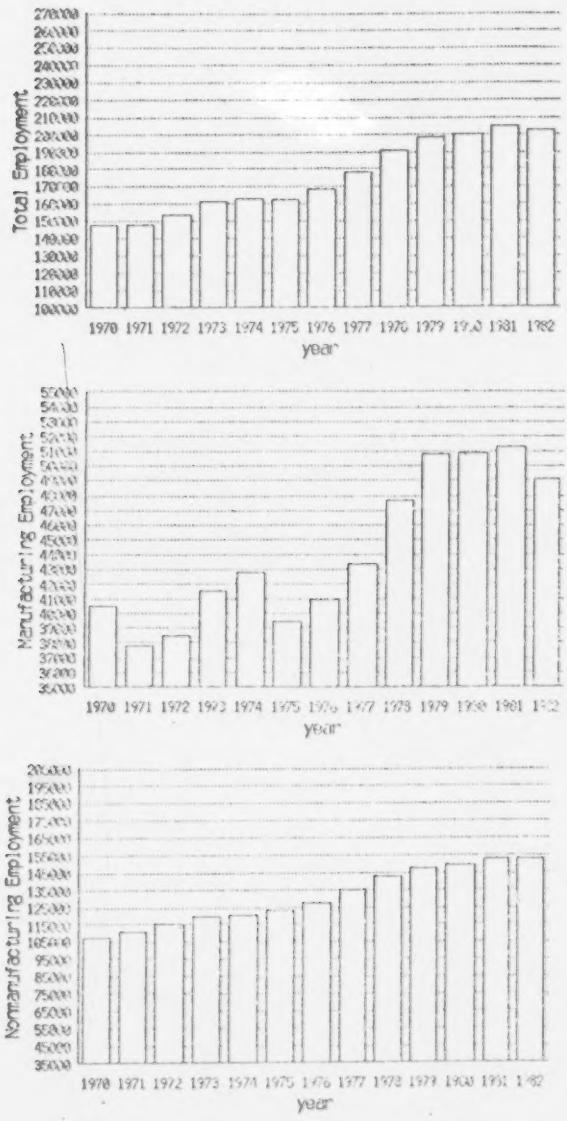
1/ Establishment based data Based on Current Employment Statistics data.
2/ Commencing with January 1980, data not comparable to previous years due to industrial classification change.
3/ Includes primary metal products, transportation equipment, professional and scientific instruments.
4/ Includes textiles, chemicals, leather & leather products, miscellaneous manufacturing. 1981 and 1982 data includes petroleum refining and related industries.

N. A. Not available.
Source: Vermont Department of Employment and Training in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

Figure 1

Average Estimated Nonagricultural Wage and Salary Employment in Vermont

1970 - 1982



Source: Vermont Department of Employment and Training in cooperation with the Bureau of Labor Statistics, U. S. Department of Labor.

Vermont Employment Projections to 1990 by Industry

Table 11 exhibits employment projections by industry to 1990. These projections indicate that total employment is expected to increase by 47,021 or 22.5 percent between 1980 and 1990 reaching 256,468. Services, manufacturing and retail trade will continue to employ the largest number of people and show the most increase through 1990. Government and construction are also expected to provide a moderate number of new jobs. Agricultural production and mining and quarrying will continue to decline. For more detailed information, see the Vermont Employment Projections to 1990; May 1983 edition.

TABLE 11
EMPLOYMENT IN VERMONT BY INDUSTRY
1980 and 1990

INDUSTRY TITLE	1980 ANNUAL AVERAGE EMPLOYMENT	1990 PROJECTED EMPLOYMENT	CHANGE BETWEEN 1980-1990	
			AMOUNT	PERCENT
Total All Industries	209,447	256,468	47,021	22.5
Agr., Forestry, & Fisheries	6,100	5,677	- 423	- 6.9
Mining & Construction	10,813	14,350	3,537	32.7
Manufacturing	50,873	60,949	10,076	19.8
Durable Goods	37,019	46,774	9,775	26.4
Nondurable Goods	13,854	14,175	321	2.3
Transportation & Utilities 1/	10,517	12,050	1,533	14.6
Wholesale Trade	7,518	9,500	1,982	26.4
Retail Trade	33,263	41,950	8,687	26.1
Finance, Ins., & Real Estate	8,038	10,000	1,962	24.4
Services	66,925	82,892	15,967	23.9
Government	15,400	19,100	3,700	24.0
Federal, except Postal	2,777	3,200	423	15.2
State, except Education	7,878	9,900	2,022	25.7
Local, except Education	4,745	6,000	1,255	26.4

1/ Includes U. S. Postal Service.

SOURCE: Vermont Department of Employment and Training.

Vermont Labor Force

Labor Force, employment and unemployment estimates by place of residence contained in this publication consist of two separate series, the Handbook estimates and the Current Population Survey adjusted estimates. The Handbook estimates are based on an intricate series of estimating steps know as the 43-step methodology. The Current Population Survey adjusted estimates consist of Handbook estimates which have been adjusted to levels consistent with the Current Population Survey. This survey is a national survey conducted monthly for the Bureau of Labor Statistics by the Census Bureau to determine labor force, employment and unemployment for the nation. The Current Population Survey adjusted estimates are the official series used for revenue sharing and distribution of funds in all federal programs that are dependent on local area unemployment estimates.

Current Population Survey Adjusted Estimates

Labor Force Developments

According to Current Population Survey adjusted estimates, Vermont's annual average labor force increased from 188,750 in 1970 to 265,000 in 1982, a gain of 76,250 or 40.4 percent as shown in Table 12A and Figure 2. This labor force expansion not only resulted from growth in the working-age population, but also from changing patterns in labor force participation. The teenage labor force (16-19) participation rate climbed from 40.1 percent in 1970 to 63.2 percent in 1982. Women's participation rate rose from 41.7 percent in 1970 to 57.5 percent in 1982.

As can be seen in Table 13, the largest number of participants in Vermont's labor force during 1982 occurred in the 25-34 age group. Table 14 exhibits Vermont's labor force by sex and race for 1980 and 1982. In 1982, women comprised 44 percent of the labor force as compared with 43 percent in 1980. The male proportion of the labor force declined slightly from 57 percent in 1980 to 56 percent in 1982. Nonwhites account for only a small portion of the labor force in Vermont as shown in Table 14.

Tables 16 and 17A present labor force estimates for Vermont's counties and labor market areas during 1982. Chittenden County and Burlington Labor Market Area posted the greatest number of labor force participants. Grand Isle County and Morrisville Labor Market Area showed the least number of labor force participants.

Unemployment Developments

During 1982, conditions in Vermont's economy deteriorated, resulting in an unemployment rate of 6.9 percent, the highest rate since 1977. The average number of unemployed in 1982, estimated at 18,000, was 3,000 higher than the previous year. During 1982, Orleans County and the Newport Labor Market Area posted the highest unemployment rates, while Chittenden County and the Burlington Labor Market Area recorded the lowest unemployment rates.

Between 1981 and 1982, Vermont's unemployment rate increased 1.2 percentage points, the New England rate rose 1.5 percentage points and the United States rate increased 2.1 percentage points. A comparison in unemployment rates for the United States, New England and Vermont during the period 1970 and 1982 is shown in Table 15.

Handbook Estimates

Labor Force and Unemployment Developments

According to the Handbook estimates as shown in Table 12B and Figure 3, growth in Vermont's labor force averaged 1,850 residents during 1982, reaching 246,550. Between 1970 and 1982, the State's labor force grew from 186,450 to 246,550, a 32 percent gain. Unemployment averaged 16,050 or 6.5% of the labor force, an increase of 20.7 percent from the 1981 level. During the twelve year period, the lowest unemployment rate was posted in 1970 (4.9%) while 1975 had the highest rate (10.2%).

Table 17B presents Handbook labor force estimates for Vermont's labor market areas during 1982. Unemployment rates ranged from a low of 4.8 percent in the Burlington Labor Market Area to a high of 11.3 percent in the Newport Labor Market Area.

Outlook

Reflecting national trends, the Vermont economy is expected to improve through 1983. Employment losses attributable to the recession will begin to be offset by employment growth. Manufacturing and nonmanufacturing employment will improve. Durable goods manufacturing may take longer to return to 1981's high levels, since the machinery excluding electrical industry has been hard hit by the recession, and the effects of structural unemployment. Overall, the 1983 nonagricultural employment average should exceed the 1982 figure.

TABLE 12A

VERMONT LABOR FORCE ESTIMATES

ANNUAL AVERAGES

1970-1982

CURRENT POPULATION SURVEY ADJUSTED ESTIMATES

YEAR	CIVILIAN LABOR FORCE 1/	UNEMPLOYED NUMBER	UNEMPLOYED RATE 2/	TOTAL EMPLOYMENT 3/
1970	188,750	8,550	4.5%	180,200
1971	191,200	12,050	6.3	179,150
1972	196,550	11,850	6.0	184,700
1973	202,350	10,750	5.3	191,600
1974	204,950	13,100	6.4	191,850
1975	210,600	19,850	9.4	190,750
1976	219,000	19,000	8.7	200,000
1977	231,000	16,000	7.0	215,000
1978	243,000	14,000	5.7	229,000
1979	247,000	12,000	5.1	235,000
1980	252,000	16,000	6.4	236,000
1981	260,000	15,000	5.7	245,000
1982	265,000	18,000	6.9	247,000

1/ Includes persons involved in labor disputes, but excludes military personnel.

2/ As a percent of the labor force.

3/ Employment adjusted to persons by place of residence.

All data benchmarked to Current Population Survey Annual Averages.

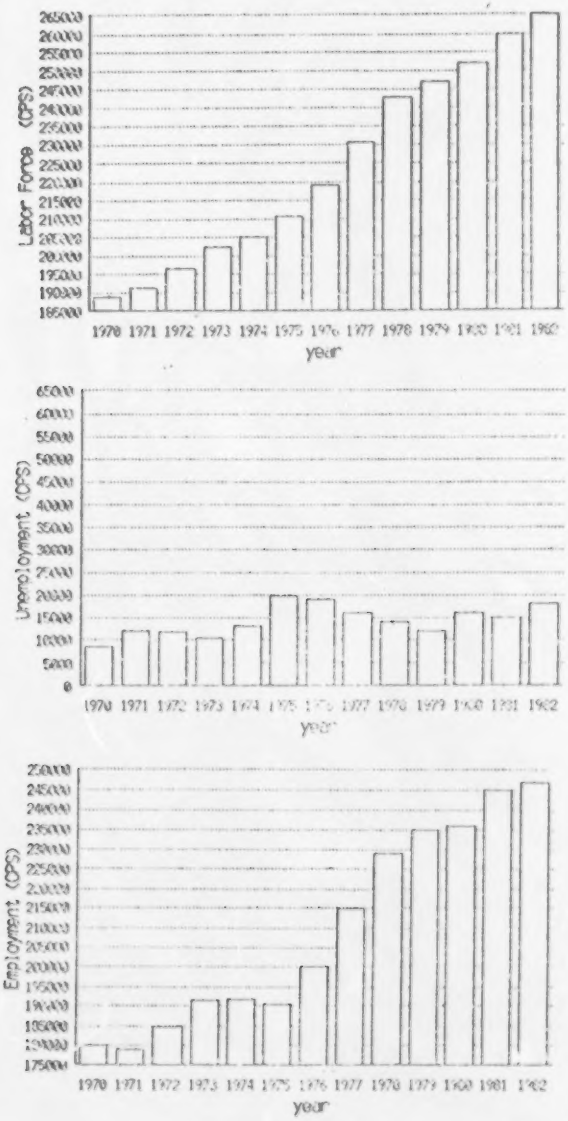
For methodology, see Glossary of Terms.

Source: Vermont Department of Employment and Training in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

Figure 2

Vermont Current Population Survey Adjusted Labor Force Estimates

Annual Averages - 1970-1982



Source: Vermont Department of Employment and Training in cooperation with the Bureau of Labor Statistics, U. S. Department of Labor.

TABLE 12B

VERMONT LABOR FORCE ESTIMATES

ANNUAL AVERAGES

1970-1982

HANDBOOK ESTIMATES

YEAR	CIVILIAN LABOR FORCE 1/	UNEMPLOYED NUMBER	UNEMPLOYED RATE 2/	TOTAL EMPLOYMENT 3/
1970	186,450	9,100	4.9%	177,350
1971	189,150	12,850	6.8	176,300
1972	194,500	12,700	6.5	181,800
1973	200,050	11,500	5.7	188,550
1974	202,850	14,050	6.9	188,800
1975	208,950	21,250	10.2	187,700
1976	214,200	20,300	9.5	193,900
1977	220,500	17,550	8.0	202,950
1978	228,850	14,550	6.4	214,300
1979	233,250	12,100	5.2	221,150
1980	240,800	13,900	5.8	226,900
1981	244,700	13,300	5.4	231,400
1982	246,550	16,050	6.5	230,500

1/ Includes persons involved in labor disputes, but excludes military personnel.

2/ As a percent of the labor force.

3/ Employment adjusted to persons by place of residence.

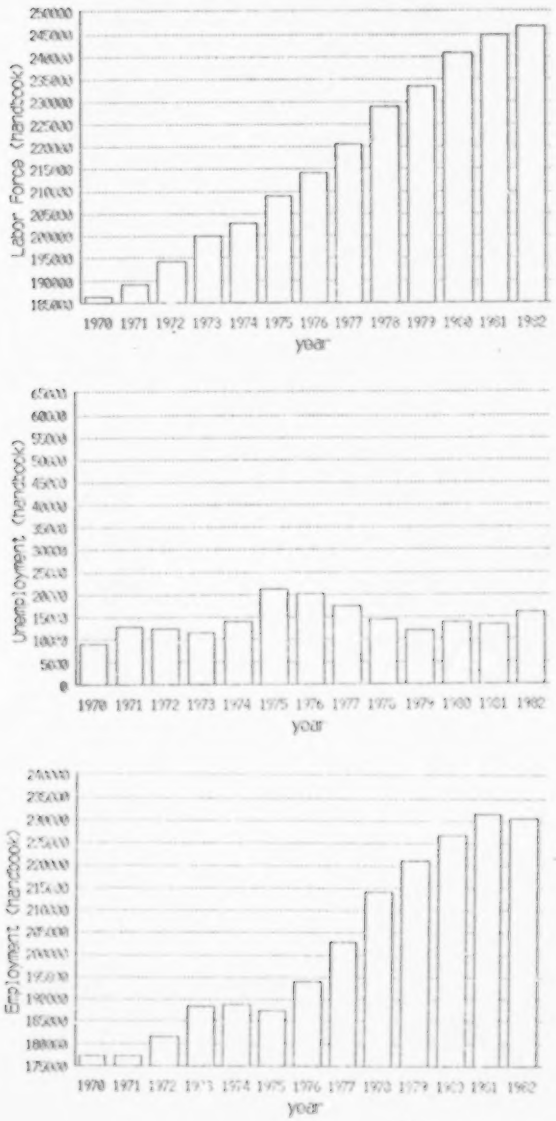
For methodology, see Glossary of Terms.

Source: Vermont Department of Employment and Training in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

Figure 3

Vermont Handbook Labor Force Estimates

Annual Averages - 1970-1982



Source: Vermont Department of Employment and Training in cooperation with the Bureau of Labor Statistics, U. S. Department of Labor.

TABLE 13
VERMONT LABOR FORCE BY AGE GROUP - WHITE, NONWHITE *
1982
CURRENT POPULATION SURVEY ESTIMATES

AGE GROUP	CIVILIAN LABOR FORCE	UNEMPLOYED		TOTAL EMPLOYMENT
		NUMBER	RATE (%)	
TOTAL				
16 - 19	20,000	4,000	17.4	17,000
20 - 24	34,000	4,000	12.0	30,000
25 - 34	83,000	6,000	6.9	77,000
35 - 44	59,000	2,000	3.9	56,000
45 - 64	61,000	2,000	N.A.	58,000
65+	N.A.	N.A.	N.A.	N.A.
TOTAL	265,000	18,000	6.9	247,000
WHITE				
16 - 19	20,000	3,000	17.3	16,000
20 - 24	34,000	4,000	12.1	30,000
25 - 34	82,000	6,000	6.9	76,000
35 - 44	58,000	2,000	3.9	56,000
45 - 64	61,000	2,000	N.A.	58,000
65+	N.A.	N.A.	N.A.	N.A.
TOTAL	N.A.	N.A.	N.A.	N.A.
NONWHITE				
16 - 19	N.A.	N.A.	N.A.	N.A.
20 - 24	N.A.	N.A.	N.A.	N.A.
25 - 34	N.A.	N.A.	N.A.	N.A.
35 - 44	N.A.	N.A.	N.A.	N.A.
45 - 64	N.A.	N.A.	N.A.	N.A.
65+	N.A.	N.A.	N.A.	N.A.
TOTAL	N.A.	N.A.	N.A.	N.A.

* - Excludes Military personnel.
N.A. - Not available

Source: U.S. Department of Labor, Bureau of Labor Statistics

TABLE 14
VERMONT LABOR FORCE BY SEX AND RACE *
1980 - 1982
CURRENT POPULATION SURVEY ESTIMATES

BY SEX

	1980 1/			1982 2/		
	TOTAL**	MALE	FEMALE	TOTAL	MALE	FEMALE
Labor Force	242,500	138,500	104,000	265,000	149,000	116,000
Unemployment	15,300	9,100	6,200	18,000	10,000	8,000
Rate	6.3%	6.5%	6.0%	6.9%	6.9%	6.8%
Employment	227,200	129,400	97,800	247,000	139,000	108,000

BY RACE

	1980 1/			1982 2/		
	TOTAL**	WHITE	NONWHITE	TOTAL	WHITE	NONWHITE
Labor Force	242,500	240,700	1,800	265,000	263,000	N.A.
Unemployment	15,300	15,100	200	18,000	18,000	N.A.
Rate	6.3%	6.3%	9.6%	6.9%	6.9%	N.A
Employment	227,200	225,600	1,600	247,000	245,000	N.A.

* - Excludes military personnel.

** Because of difference in methodology, 1980 labor force data as presented in this table is not identical to 1980 labor force data shown in Table 12A (page 19).

N.A. Not Available

1/ Source: 1980 Census Data.

2/ Source: U. S. Department of Labor, Bureau of Labor Statistics.

TABLE 15

COMPARISON OF UNEMPLOYMENT RATES: ANNUAL AVERAGES*

UNITED STATES, NEW ENGLAND AND VERMONT

1970 - 1982

	UNITED STATES *1/	NEW ENGLAND**1/	VERMONT**2/
1970	4.9%	4.9%	4.5%
1971	5.9	6.9	6.3
1972	5.6	6.8	6.0
1973	4.9	6.1	5.3
1974	5.6	6.6	6.4
1975	8.5	10.4	9.4
1976	7.7	9.1	8.7
1977	7.1	7.7	7.0
1978	6.1	5.7	5.7
1979	5.8	5.4	5.1
1980	7.1	5.9	6.4
1981	7.6	6.3	5.7
1982	9.7	7.8	6.9

Methodology:
* Current Population Survey Estimates.
** Current Population Survey Adjusted Estimates.

Source: 1/ U.S. Department of Labor, Bureau of Labor Statistics.
2/ Vermont Department of Employment & Training in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

TABLE 16
LABOR FORCE ESTIMATES: VERMONT COUNTIES*
ANNUAL AVERAGES
1982
CURRENT POPULATION SURVEY ADJUSTED ESTIMATES

COUNTY	CIVILIAN LABOR FORCE 1/	UNEMPLOYED NUMBER	UNEMPLOYED RATE 2/	TOTAL EMPLOYMENT 3/
Addison	16,800	1,000	6.0%	15,800
Bennington	17,150	1,300	7.4	15,850
Caledonia	11,750	1,050	8.7	10,700
Chittenden	68,250	3,350	4.9	64,900
Essex	2,550	250	10.4	2,300
Franklin	16,500	1,450	8.8	15,050
Grand Isle	2,300	200	9.7	2,100
Lamoille	10,000	900	8.9	9,100
Orange	11,100	600	5.3	10,500
Orleans	9,400	1,150	12.1	8,250
Rutland	28,250	1,900	6.7	26.350
Washington	27,300	1,550	5.8	25,750
Windham	20,650	1,650	8.0	19,000
Windsor	23,000	1,650	7.2	21,350
STATEWIDE	265,000	18,000	6.9	247,000

1/ Includes persons involved in labor disputes, but excludes military personnel.

2/ As a percent of the labor force.

3/ Employment adjusted to persons by place of residence.

All data benchmarked to Current Population Survey Annual Averages.

For methodology, see Glossary of Terms.
* Subject to revision.

Source: Vermont Department of Employment & Training in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

TABLE 17A

LABOR FORCE ESTIMATES: VERMONT LABOR MARKET AREAS*

ANNUAL AVERAGES

1982

CURRENT POPULATION SURVEY ADJUSTED ESTIMATES

LABOR MARKET AREA	CIVILIAN LABOR FORCE 1/	UNEMPLOYED NUMBER	UNEMPLOYED RATE 2/	TOTAL EMPLOYMENT 3/
Barre-Montpelier	37,600	2,150	5.8 %	35,450
Bennington	17,150	1,300	7.4	15,850
Brattleboro	15,700	1,000	6.3	14,700
Burlington	69,550	3,450	5.0	66,100
Middlebury	16,550	950	5.8	15,600
Morrisville	10,000	900	8.9	9,100
Newport	10,650	1,250	11.7	9,400
Rutland	28,250	1,900	6.7	26,350
St. Albans	17,450	1,550	9.0	15,900
St. Johnsbury	12,200	1,100	8.9	11,100
Springfield	16,350	1,600	9.8	14,750
White River Jct.	13,550	850	6.3	12,700
STATEWIDE	265,000	18,000	6.9	247,000

1/ Includes persons involved in labor disputes, but excludes military personnel.
2/ As a percent of the labor force.
3/ Employment adjusted to persons by place of residence.

All data benchmarked to Current Population Survey Annual Averages.
For methodology, see Glossary of Terms.
* Subject to revision.

Source: Vermont Department of Employment and Training in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

TABLE 17B

LABOR FORCE ESTIMATES: VERMONT LABOR MARKET AREAS*

ANNUAL AVERAGES

1982

HANDBOOK ESTIMATES

LABOR MARKET AREA	CIVILIAN LABOR FORCE 1/	UNEMPLOYED NUMBER	UNEMPLOYED RATE 2/	TOTAL EMPLOYMENT 3/
Barre-Montpelier	35,050	1,950	5.5%	33,100
Bennington	15,950	1,150	7.7	14,800
Brattleboro	14,600	900	6.0	13,700
Burlington	64,800	3,100	4.8	61,700
Middlebury	15,350	850	5.6	14,500
Morrisville	9,300	800	8.5	8,500
Newport	9,900	1,100	11.3	8,800
Rutland	26,300	1,700	6.4	24,600
St. Albans	16,250	1,400	8.6	14,850
St. Johnsbury	11,300	950	8.5	10,350
Springfield	15,150	1,400	9.4	13,750
White River Jct.	12,600	750	6.1	11,850
STATEWIDE	246,550	16,050	6.5	230,500

1/ Includes persons involved in labor disputes, but excludes military personnel.
2/ As a percent of the labor force.
3/ Employment adjusted to persons by place of residence.

For methodology, see Glossary of Terms.
* Subject to revision.

Source: Vermont Department of Employment and Training in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

Characteristics of The Insured Unemployed

Selected characteristics of the insured unemployed are shown below. Regular benefit recipients averaged 6,969 for a survey week in 1982. Male recipients averaged 4,447, or 63.8 percent of the total. The 25-44 year old age group contained 53.7 percent of the recipients. The largest percentage of recipients were in manufacturing, or 36.1 percent. The smallest percentage were in finance, insurance, and real estate (1.3 percent). The largest group of recipients were in structural work, or 1,261 recipients. This group also represented the largest percentage of recipients (18.1 percent), long term unemployment (15 weeks and over) was experienced by 37.5 percent of the recipients. The largest percentage of recipients were in the 5-14 week duration group, 42.0 percent.

TABLE 18
CHARACTERISTICS OF THE INSURED UNEMPLOYED
REGULAR BENEFITS
VERMONT
1982 ANNUAL AVERAGES

CHARACTERISTICS	NUMBER	PERCENTAGE
TOTAL	6,969	100.00
SEX		
Male	4,447	63.8
Female	2,522	36.2
AGE		
Under 25	1,743	25.0
25-44	3,741	53.7
45 and over	1,485	21.3
INDUSTRY		
Mining	97	1.4
Construction	1,243	17.8
Manufacturing	2,519	36.1
Durable Goods	1,819	26.1
Nondurable Goods	700	10.0
Trans., Comm., and Pub. Util.	149	2.1
Trade	1,045	15.0
F.I.R.E. 1/	87	1.3
Service	1,251	18.0
Gov't. and Ag. Related	578	8.3
OCCUPATION		
Professional 2/	732	10.5
Clerical & Sales	1,061	15.2
Service	758	10.9
Farming 3/	108	1.5
Processing	122	1.8
Machine Trades	740	10.6
Benchwork	520	7.5
Structural Work	1,261	18.1
Miscellaneous 4/	701	10.0
IKA 5/	966	13.9
DURATION		
1 - 2 Weeks	726	10.4
3 - 4 Weeks	704	10.1
5 - 14 Weeks	2,923	42.0
15 Weeks and Over	2,616	37.5

1/ Finance, Insurance and Real Estate.
2/ Also includes Technical and Managerial occupations.
3/ Also includes Fishery and Forestry occupations.
4/ Motor Freight, Transportation, Packaging & Materials Handling and other occupations.
5/ Information not available.

Source: Vermont Department of Employment and Training.

Characteristics of Fully Registered Active Applicants

During the fiscal year, 71,092 persons were fully registered with Vermont Job Service as shown in Table 19. This was a decrease of 3,827 from the prior fiscal year. Male applicants accounted for 55.2 percent of the applicant total. The largest percentage of applicants, 22.4 percent, were registered under the clerical and sales occupational group, the largest group in fiscal year 1981 as well. The largest number (and percentage) of applicants were in the 22-39 year old age group, which was also the case in 1981. The 15 and under age group decreased 40.4 percent, year to year. The majority of applicants had 12 years or more of education (73.2 percent). Veterans accounted for 14.1 percent of the fully registered applicant total. Vietnam era veterans numbered 3,942, an increase of 219 from the prior year. Handicapped applicants decreased 13.8 percent, year to year, with 4,010 fully registered applicants in 1982. Economically disadvantaged applicants decreased 24.6 percent, year to year, a decrease of 3,682 applicants.

Job Openings Received

The number of job openings received by Vermont Job Service during fiscal year 1982 totaled 18,427, a 24.4 percent decrease from the previous fiscal year. The largest number of job openings were in the service occupational category, with 5,479 openings. The smallest number of openings were in the processing category. Comparing fiscal years 1982 and 1981, job opening decreases of more than 40 percent occurred in machine trades, processing, and benchwork occupations. Farm openings decreased the least, at 6.9 percent.

Jobs received with employment duration exceeding 150 days, decreased 29.1 percent year to year. Jobs with a duration of 3 days or less numbered 1,833 in fiscal year 1982, and 1,834 in fiscal year 1981 (see Table 20).

TABLE 19
CHARACTERISTICS OF FULLY REGISTERED ACTIVE APPLICANTS
VERMONT JOB SERVICE
FY 1981 and FY 1982*

CHARACTERISTICS	FY 1982 NUMBER	FY 1982 %	FY 1981 NUMBER	FY 1981 %	% CHANGE
Total 1/	71,092	100.0	74,919	100.0	- 5.1
SEX					
Male	39,277	55.2	39,693	53.0	- 1.0
Female	31,815	44.8	35,226	47.0	- 9.7
OCCUPATION					
Professional 2/	10,528	14.8	11,797	15.7	- 10.8
Clerical & Sales	15,944	22.4	16,880	22.5	- 5.5
Service	14,158	19.9	15,212	20.3	- 6.9
Farming 3/	2,036	2.9	2,338	3.1	- 12.9
Processing	970	1.4	1,040	1.4	- 6.7
Machine Trades	5,459	7.7	5,141	6.9	6.2
Benchwork	3,872	5.4	4,199	5.6	- 7.8
Structural Work	10,311	14.5	10,160	13.6	1.5
Miscellaneous 4/	7,814	11.0	8,152	10.9	- 4.1
AGE					
15 and under	223	0.3	374	0.5	- 40.4
16-19	9,454	13.3	11,122	14.8	- 15.0
20-21	7,649	10.8	8,129	10.9	- 5.9
22-39	40,499	57.0	41,959	56.0	- 3.5
40-54	9,686	13.6	9,777	13.1	- 0.9
55 and over	3,581	5.0	3,558	4.7	0.6
EDUCATION					
0-7	1,336	1.9	1,501	2.0	- 11.0
8-11	17,668	24.9	19,137	25.6	- 7.7
12	31,692	44.6	32,319	43.1	- 1.9
12+	20,346	28.6	21,962	29.3	- 7.4
VETERAN	10,009	14.1	10,288	13.7	- 2.7
Vietnam Era	3,942	5.5	3,723	5.0	5.9
HANDICAPPED	4,010	5.6	4,653	6.2	- 13.8
ECONOMICALLY DISADVANTAGED	11,279	15.9	14,961	20.0	- 24.6

1/ Total includes applicants with invalid occupational codes.
2/ Also includes Technical and Managerial occupations.
3/ Also includes Fishery and Forestry occupations
4/ Motor Freight, Transportation, Packaging & Materials Handling and Other occupations.
*Fiscal Year 1981 - October 1980 - September 1981
Fiscal Year 1982 - October 1981 - September 1982
Source: Vermont Department of Employment and Training.

TABLE 20

JOB OPENINGS RECEIVED

VERMONT JOB SERVICE

FY 1981 and FY 1982*

OCCUPATIONAL CATEGORY AND DURATION OF JOB	FY 1982 NUMBER	FY 1982 %	FY 1981 NUMBER	FY 1981 %	% CHANGED
TOTAL	18,427	100.0	24,312	100.0	- 24.4
OCCUPATION					
Professional 1/	1,331	7.2	1,978	8.1	- 32.7
Clerical & Sales	4,322	23.5	5,556	22.8	- 22.2
Service	5,479	29.7	6,811	28.0	- 19.6
Farming 2/	1,347	7.3	1,447	6.0	- 6.9
Processing	234	1.3	410	1.7	- 42.9
Machine Trades	757	4.1	1,279	5.3	- 40.8
Benchwork	522	2.8	1,147	4.7	- 54.5
Structural Work	2,248	12.2	3,053	12.6	- 26.4
Miscellaneous 3/	2,187	11.9	2,631	10.8	- 16.9
DURATION					
Over 150 days	11,745	63.7	16,571	68.2	- 29.1
4 to 150 days	4,849	26.3	5,907	24.3	- 17.9
3 days or less	1,833	10.0	1,834	7.5	- 0.1

1/ Also includes Technical and Managerial occupations.
2/ Also includes Fishery and Forestry occupations.
3/ Motor Freight, Transportation, Packaging & Materials Handling and Other occupations.

*Fiscal Year 1981 - October 1980 - September 1981
Fiscal Year 1982 - October 1981 - September 1982
Source: Vermont Department of Employment and Training

Labor Market Area Bulletins

Annual Summary Bulletins for each of Vermont's twelve labor market areas are published during the third quarter. Quarterly updates, providing current labor force, employment and labor supply and demand information are published four times a year, at the beginning of each quarter.

Employment Projections to 1990

Biannual employment projections by industry and occupation for Vermont.

Employment and Earnings

Annual data on nonagricultural wage and salary employment, hours and earnings, for Vermont, Burlington and Springfield Labor Market Areas.

Employment and Wages Covered by Unemployment Insurance

Annual employment and wages of employers covered by Vermont's Unemployment Compensation Laws distributed by industry and county.

Characteristics of the Insured Unemployed

Quarterly report providing information on the sex, age, industry and occupation of people receiving benefits under Vermont's regular UI program throughout the state and the 12 labor market areas.

Directory of Labor Market,
Career, and Occupational Information

An index of publications produced by the Research and Statistics Section, Vermont Department of Employment and Training and publications of other agencies.

Civilian Labor Force - an estimate of all people over 16 years of age who are either employed or unemployed.

Total Employment - an estimate of residents who earned wages during the week including the 12th of the month. This estimate includes residents employed in wage and salary jobs as well as agricultural workers, domestics, self-employed and unpaid family workers and workers on strike.

Total Unemployment - is an estimate of the number of residents who were not working during the survey week, but were able and available for work.

Unemployment Rate - is the total number of unemployed divided by the civilian labor force. Unemployment rates are computed from unrounded data.

Labor Force Participation Rate - the proportion of the population over 16 years of age which is in the labor force (labor force ÷ population).

Insured Unemployment - the number of people receiving unemployment insurance benefits.

Labor Force Methodology -

Handbook estimates are based on an intricate series of estimating steps known as the 43-step methodolgy.

Current Population Survey Adjusted estimates consists of benchmarking the monthly handbook estimates to Current Population Survey annual averages.

Current Population Survey - is a monthly survey of households conducted by the Bureau of the Census resulting in estimates of employed and unemployed nationwide and for selected States and areas.

Wage and Salary Employment - an estimate of the number of individual jobs by place of work during the week including the 12th of the month.

Consumer Price Index (CPI) - a measure of the average change in prices over time in a fixed market basket of goods and services. The new CPI-U for all Urban consumers covers approximately 80 percent of the total civilian noninstitutional population.

Per Capita Personal Income - a measure of the total personal income of the residents of a given area divided by the resident population of the area.

LABOR MARKET AREAS

BARRE LABOR MARKET: Washington County; Orange County except townships of Strafford, Thetford, Tunbridge; village of Each Granville in Addison County; townships of Groton and Ryegate in Caledonia County.

BENNINGTON LABOR MARKET: Bennington County.

BRATTLEBORO LABOR MARKET: Townships of Brattleboro, Brookline, Dover, Dummerston, Guilford, Halifax, Jamaica, Marlboro, Newfane, Putney, Somerset, Stratton, Townshend, Vernon, Wardsboro, Whitingham and Wilmington in Windham County.

BURLINGTON LABOR MARKET: Chittenden County; townships of Grand Isle and South Hero in Grand Isle County.

MIDDLEBURY LABOR MARKET: Addison County except townships of Granville and Hancock.

MORRISVILLE LABOR MARKET: Lamoille County.

NEWPORT LABOR MARKET: Orleans County; Essex County except townships of Concord, East Haven, Granby, Guildhall, Lunenburg, Maidstone and Victory.

RUTLAND LABOR MARKET: Rutland County.

ST. ALBANS LABOR MARKET: Franklin County; townships of Alburg, Isle LaMotte and North Hero in Grand Isle County.

ST. JOHNSBURY LABOR MARKET: Caledonia County except townships of Groton and Ryegate; townships of Concord, Each Haven, Granby, Guildhall, Lunenburg, Maidstone and Victory in Essex County.

SPRINGFIELD LABOR MARKET: Townships of Andover, Baltimore, Cavendish, Chester, Ludlow, Reading, Springfield, Weathersfield, Weston, West Windsor and Windsor in Windsor County; townships of Athens, Grafton, Londonderry, Rockingham, Westminster and Windham in Windham County.

WHITE RIVER JUNCTION LABOR MARKET: Townships of Tunbridge, Strafford and Thetford in Orange County; townships of Granville and Hancock in Addison County; townships of Barnard, Bethel, Bridgewater, Hartford, Hartland, Norwich, Plymouth, Pomfret, Rochester, Royalton, Sharon, Stockbridge and Woodstock in Windsor County.